Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 16 Sep 2021 until 23:59 on Friday 17 Sep 2021

Forecast Issued on Thursday 16 Sep 2021 at 03:29

Confidence: High for warm and largely dry weather over the next couple of days. There is significant uncertainty in the development of any rainfall through Friday night and on Saturday.

Headline for Thursday 16 Sep 2021: A dull, foggy start will give way to warm sunshine.

Mountain weather hazards on Thursday 16 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
40%	20%	10%	20%	10%	<05%

Forecast for Thursday 16 Sep 2021

Weather: Early morning mist, fog and drizzle gradually clearing from the west to leave sunny spells into the afternoon. Mostly dry, but with the low risk of the odd passing light shower. Dry with clearer periods into the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at best initially, improving to near 100% by late morning.

Visibility: A dull, damp start in the hills as cloud shrouds slopes above around 400m and brings spells of drizzle. Widely limited to a few hundred meters above the cloud base. From mid to late morning a marked change will occur as this cloud lifts and clears eastwards leaving very good visibility for all areas.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 16 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	13/16 W	11/16 W	11/15 W	7/9 SW	8/10 S	11/14 S
300	8/14 SW	8/11 W	8/11 W	6/9 SW	4/7 SW	6/8 S	7/9 S
Valley	5/13 W	5/9 W	6/11 W	6/11 W	3/7 SW	4/6 SE	3/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	13/11	14/12	13/12	12/11	12/10
300	13/12	14/12	15/14	17/16	16/16	15/14	14/12
Valley	13/13	14/14	17/16	18/17	16/16	14/14	13/13
Freezing Level*	2600m	2600m	2900m	2800m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Generally fine conditions on the hills with warm sunshine developing. Any showers will be mostly light, but could be enough to require waterproofs when they occur.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 16 Sep 2021	0mm	2mm	2.4mm

Forecast for Friday 17 Sep 2021

Weather: Dry with hazy sunshine through morning and a few areas of low level cloud across the south. Southerly winds will freshen through the day but it will still feel warm in shelter. Cloud will thicken through afternoon, but likely staying dry.

Maximum wind: South 20-25mph, easing through evening.

Chance of cloud free mountain/hill tops above 600m: 95%, falling 70% through evening.

Visibility: A few areas of cloud above 400m are likely at first but these will lift through morning as the wind picks up. Very good visibility expected with some far reaching views on offer. A few patches of cloud above 500m may develop across southern slopes again through evening.

Temperature: **Valleys:** Plus 10 Celsius rising to 19 Celsius.
At 600m: Plus 12 Celsius
Freezing level: Well above summits.

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